

Work Order ID 152504

Thursday, October 27, 2016 7:05:05 AM

152504

Page 1

Item ID: 650.0401

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: PUREair Fairing Assembly

Start Date: 10/27/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/10/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
650.0400									

110

0.00

110

Purchasing

Purchasing

PURCHASING

Memo

Issue P/O:

Description: 650.0401

Supplier: FDC

Certification of Conformity and process sheet from FDC is required.

0.00

120

0.00

120

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Ensure Certificate of Conformity & Process Sheet are attached

0.00

12 *10.01.14**1X* *NOV 21 2016*DAS
26
9-89*P40*
NCR 16-6135

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Description Work Order Deviation				Disposition																					
Root Cause		FAULT CATEGORY																							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																			
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Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																			
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Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :																						
Misidentified ☐	☐	Past Due ☐																							

Supplier Non-Conformance Report

Reviewed
DQA:
Date:

Printed on: Friday, November 25, 2016

Details			
Raised Date 11/22/2016	Status Closed	Owner Smith, Patrick	Number NCR16-6135
Target Date 12/2/2016	Standard		Severity MAJOR
Process Supplier		Audit	
Raised By Person Downing, Eric M	Raised Against (Department or Supplier) FDC Composites Inc.		Fault Category Supplier
Details			
was discovered that FDC manufactured the 650.0401 with the incorrect material. parts ordered on PO32043 & PO32043 that material Fiber glass Aldila #120 AR250 was used mistakenly for Grey Epoxy Surface Veil AX-2140-50". the difference of the materials were not noted on the FAI that was performed (Attached)			
Keywords		Product 650.0401	
Document		Root Cause No Reverification	
Closed By Downing, Eric M	Closed Date 11/25/2016	Resolution Improve Process	

Corrective Action			
Target Date 12/2/2016	Owner Smith, Patrick	Closed Date 11/25/2016	Closed By Downing, Eric M
Details			
the implementation of a specific check sheet regarding new products / process to be performed by supplier to be completed			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	
1	Downing, Eric M	11/25/2016	11/25/2016
contact FDC to have specifications regarding the material substituted to ensure strength is correct		see attached email	
2	Downing, Eric M	11/25/2016	11/25/2016
request that no all FDC po's that the instruction to have all material / process sheets sent with all the parts / PO's		see attached email	
3	Downing, Eric M	11/25/2016	11/25/2016
inform FDC that there 135°C curing temperature is over the limit called out on the drawing		see attached material Data sheet	

Verification & Review

Target Date 12/2/2016	Owner Downing, Eric M	Closed Date 11/25/2016	Closed By Downing, Eric M
Details all actions complete			

Actions

Number	Owner	Target Date	Completed Date
Details		Response	

Work Order ID 152504

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152504

Page 2

Item ID: 650.0401 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: PUREair Fairing Assembly
Start Date: 10/27/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/10/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC6- Inspect dimensions to drawing Memo Inspect as per Dwg 650.0401 Audit process sheet.	0.00 0.00				<u>0</u>	<u>17.01.30</u>		DAS 9 9-89
140 *140* Packaging Packaging	Identify as per dwg & Stock Location <u>PK</u> Memo	0.00 0.00							DAS 6 9-89 JAN 3 1 2017
150 *150* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.02							17/02/01 <u>JS</u> DAS 21 9-89 JAN 3 1 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coor. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	
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Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	
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Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :				
Misidentified ☐	☐	Past Due ☐					

Picklist Print

Thursday, October 27, 2016 7:05:04 AM

Page 1

Work Order ID: 152504

152504

Parent Item: 650.0401

650 0401

Parent Item Name: PUREair Fairing Assembly

Start Date: 10/27/2016

Required Date: 11/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
650.0401P *650 0401P* AS350 Eaps Fairing Assembly		Purchased	No				Each	0.0000	**	1 <i>/K</i>		NOV 21 2016	DAS 26 9-89

DQA: _____ Date: _____

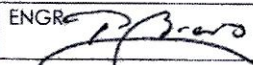
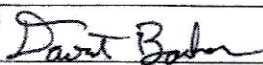
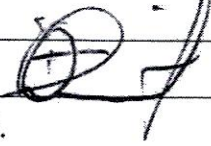


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OTHER : _____																																																															

 APICAL INDUSTRIES, INC. dba DART AEROSPACE	ENGINEERING CHANGE NOTICE NO. 04939				SHEET 1 OF 1	
	DWG NO. 650.0400	REV: C	PREPARED BY J. SOTO	DATE: 04/28/2015	EFFECT ON DWG ☒ INC. ☐ UNINC.	
	DWG TITLE: AS350 EAPS FAIRING ASSY					
APPROVED BY: ENGR 		MFG 	QC 	EFF. NEXT ORDER		
TRANSACTION CODES (TC): A-ADD R-REVISE C-CREATE D-DELETE		REASON: REVISED F/N 4, 5, 6, & 9 FROM IMPERIAL TO METRIC.				

W/O 152504

9	R	601.3803	2	SCREW	LN9038-05-16	
6	R	601.3802	14	CLICK BOND, NUTPLATE	CB6014CR5M-1P	
5	R	601.3801	12	SCREW	LN9038-05-14	
4	R	601.3800	14	WASHER	BS4320-A5	
F/N	TC	PART NUMBER	.0401			
		QTY		DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				☐ PATTERN ☐ MDL ☒ INSTALL INSTRUCTIONS ☒ ICA ☐ FMS ☒ BOM		
				CHANGE CATEGORY		DER REVIEW REQUIRED
				☐ MAJOR ☒ MINOR		☐ YES ☒ NO

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER :																					

1000

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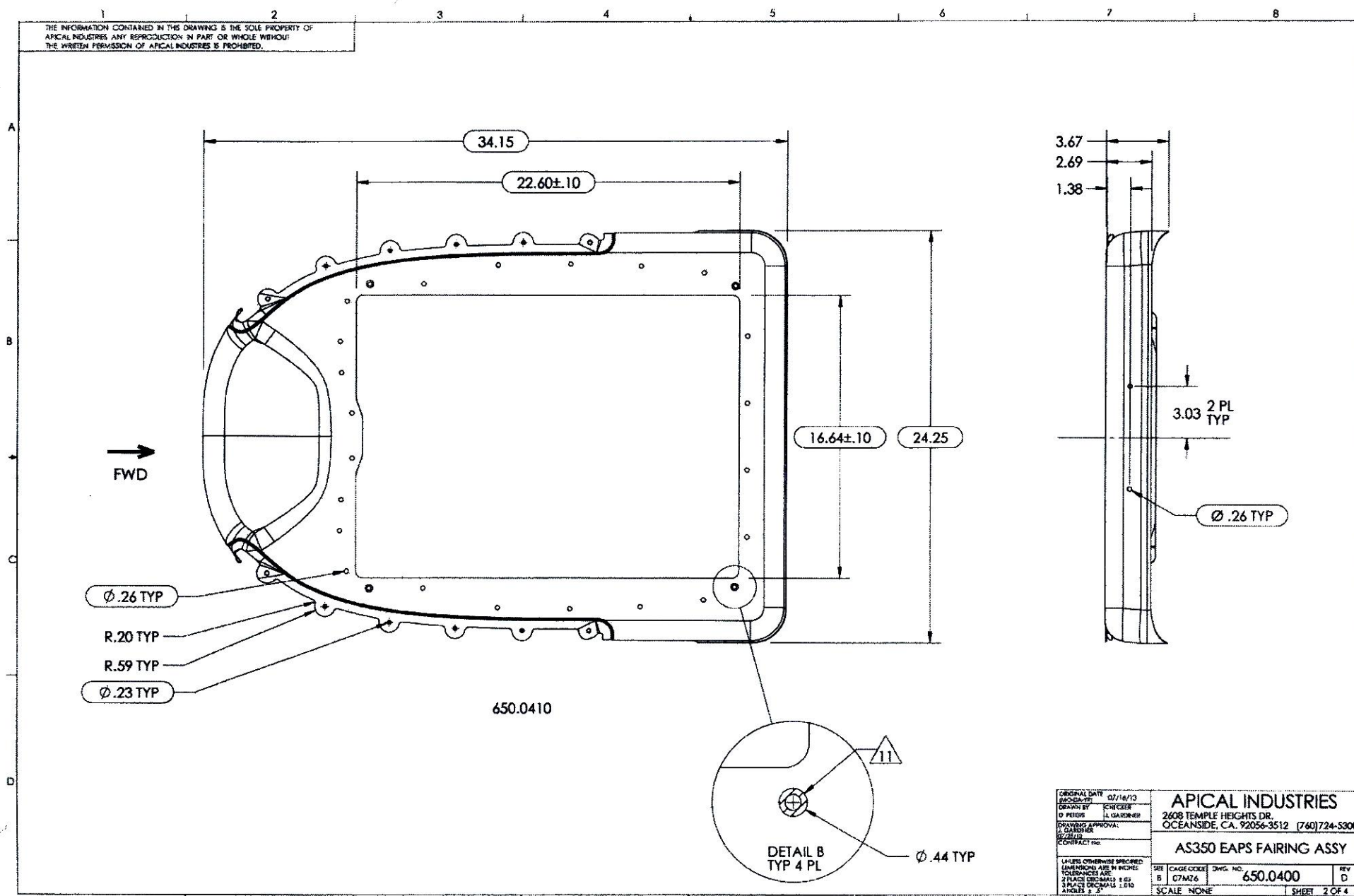
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OTHER :																					

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ORIGINAL DATE 07/16/13		APICAL INDUSTRIES	
DRAWN BY: JENICSE		2608 TEMPLE HEIGHTS DR.	
D. PETERS		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL: J. GARDNER		AS350 EAPS FAIRING ASSY	
CONTRACT NO.		REV D	
UNLESS OTHERWISE SPECIFIED	SIZE B	CAGE CODE 67M26	DWG. NO. 650.0400
DIMENSIONS ARE IN INCHES			
TOLERANCES ARE:			
2 PLACE DECIMALS ±.03			
3 PLACE DECIMALS ±.010			
ANGLES ±.5°			
SCALE NONE		SHEET 2 OF 4	

DQA: _____ Date: _____



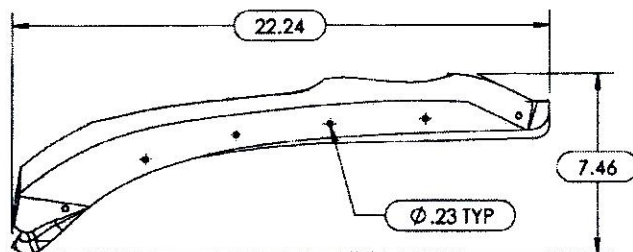
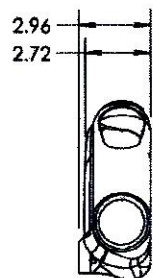
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

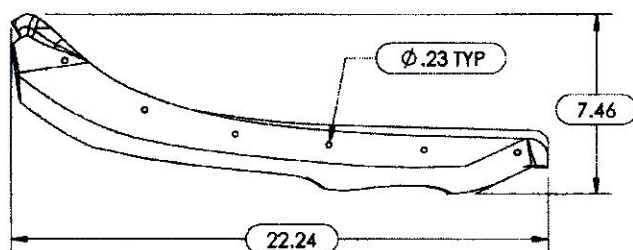
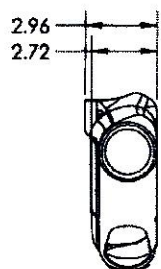
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐																		

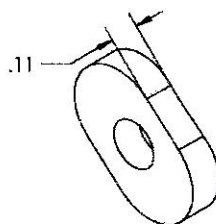
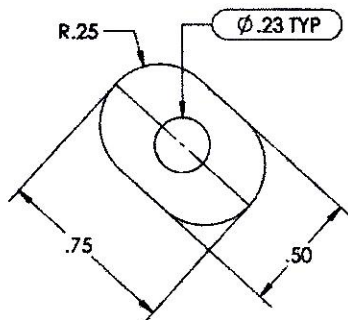
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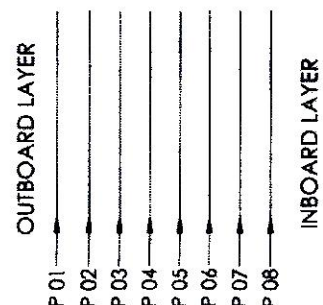
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LAYUP OF PREPREG LAYERS
.056" THICKNESS

LAMINATE 1 - .056" (8 LAYERS CARBON FIBER)			
PLY	WARP ANGLE	MATERIAL	THICKNESS
01	NA	△	.004"
02	NA	△	.004"-.012"
03	0	△	.008"-.010" PER LAYER
04	90	△	
05	0	△	
06	90	△	
07	0	△	
08	90	△	

ORIGINAL DATE 07/16/13
DRAWN BY J. GARDNER
CHECKED BY J. GARDNER
DRAWING APPROVAL J. GARDNER
APPROVAL CONTRACT NO.

NOTES: DIMENSIONS SPECIFIED
DIMENSIONS IN P.P. IN INCHES
1. EXCEPT AS NOTED
2. PLACE DECIMALS 1/16
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DQA: _____ Date: _____



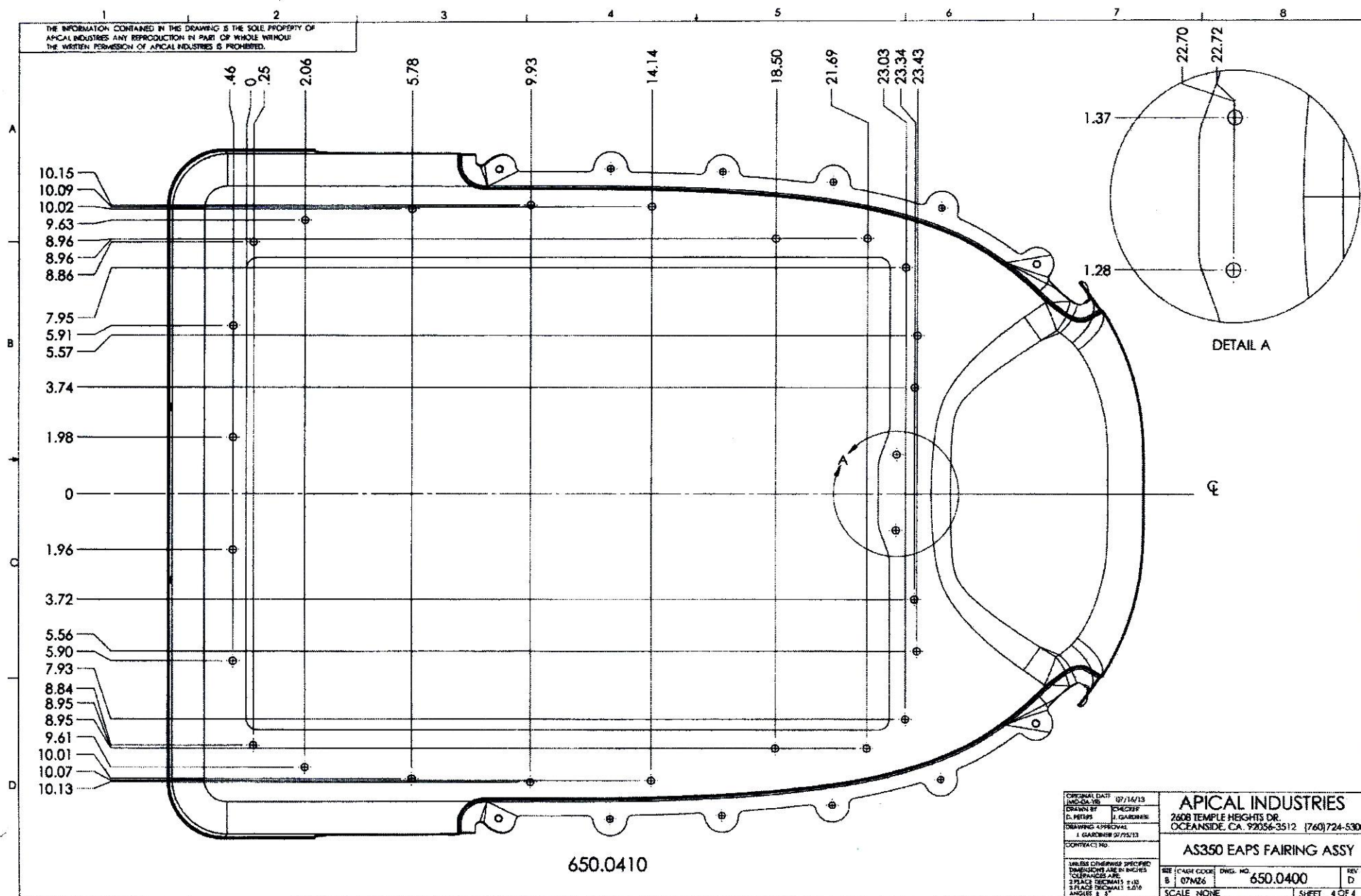
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
OTHER :					

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE 07/14/13		APICAL INDUSTRIES	
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR.	
D. HENRY		OCEANSIDE, CA 92056-3512 (760) 724-5300	
DRAWING APPROVAL J. GARDNER 07/15/13		AS350 EAPS FAIRING ASSY	
CONTRACT NO.		SCALE NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .015 3 PLACE DECIMALS ± .010 ANGLES ± .5°		REV D	SHEET 4 OF 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER :																					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32043**

Purchase Order Date 4/14/2016
PO Print Date 10/27/2016

Page Number 1 of 8

Order From : VU-FDC001
FDC COMPOSITES INC.
45 CHEMIN DE L'AEROPORT
LOCAL 26
ST. JEAN SUR RICHELIEU, QUEBEC J3B 7B5

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 450-357-1344 Ext 303

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	650.0401P ✓ AS PER DWG 650.0401 B152523	AS350 Eaps Fairing Assembly	10/27/2016 No 10/27/2016 ✓		1.00 Each	\$2,580.00	\$2,580.00
CL 16/10/27							
Line Total:							\$2,580.00
2	650.0401P ✓ AS PER DWG 650.0401 B152504 ✓	AS350 Eaps Fairing Assembly ✓	11/10/2016 No 10/20/2016		1.00 ✓ Each	\$2,580.00	\$2,580.00
SP 16-11-21							
Line Total:							\$2,580.00

PO Instructions: QUOTE NO. 1239

Note:

10/27/2016

FDC Composites inc.
45, Chemin de L'Aéroport
Local 26
Saint-Jean-sur-Richelieu (QC)
J3B 7B5
Tel.: 450 357-1344

Shipping Order

18/11/2016

Order : 5765 Rev B
Reference : PO #32043/1
Ship : FOB USINE FDC PLANT

Customer: DART US

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON
K6A 1K7

Ship To
Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON
K6A 1K7
Tel.: 1 613 632-9577

Item No.	Description	Qty	Qty. Delivered	B/O Qty
650.0401	PUREair Fairing Assembly PO item: 32043/1 Lot: 2016-11-11 2016-11-09 2016-11-14 FDC ID: DAE009-002 DAE010-002 DAE011-002 50% of 25 800.00\$ Net 30 days USD CURRENCY	10	1	8

NOV 21 2016

DAS
26
9-89

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

CERTIFICATE OF CONFORMITY

Customer Name: Dart Aerospace.

Customer P/O Number: 32043

Revision: NC

<u>PO Item</u>	<u>Qty</u>	<u>Part number ID</u>	<u>Description</u>	<u>Dwg number Assy</u>	<u>FDC ID</u>	<u>Lot</u>
1	1 (2 sur 10)	650.0410	PUREair Fairing Assembly	650.0400 Rev B	DAE009-002 DAE010-002 DAE011-002	2016-11-11 ✓ 2016-11-09 ✓ 2016-11-14 ✓

DAS
9
9-89
17.01.30

I hereby certify that the workmanship, material and the processes used in the manufacture of the above part(s) supplied are in accordance with the requirements of the applicable Purchase Order.

Signature: 
Karim Malihy, B Eng, Quality Manager

Date: 2016-NOV-18



# LOT	2016-11-11
# SÉRIE(ID)	DAE009-002

Nom de Gamme :	EAPS FARING
# de Gamme (et rev.) :	DAE009 Rev.A
# dessin et nom pièce :	650.0410 EAPS FARING

Fiche suiveuse

PLAGE (ETAPES)	ÉTAPE	DESCRIPTION	DATE
[10-20]	PRÉPARATION	Découpe du prépreg et des périssables	#20 11 NOV 2016
[30-60]	MOULAGE	Drapage du prépreg	#20 11 NOV 2016
[70-90]	CUISSON	Cuisson de la pièce	#20 11 NOV 2016
[100-120]	USINAGE	Détourage et perçage	AP 2016-11-18
[130-150]	PEINTURE	Apprêter	#3 16 NOV 2016
[160]	ASSEMBLAGE	Installer les clicks bond	AP 2016-11-18
[170]	EXPÉDITION	Emballage	#7 18 NOV 2016

Gamme préparé par : _____ Arnaud Fournier
 Gamme révisée par : _____
 Gamme vérifiée par : _____
 Gamme approuvée par : _____
 Date d'émission : _____

Avant de produire le CofC,
 toutes les étapes et les
 informations requises des
 gammes subséquentes
 reliées à ce produit ont été
 complétées et remplies

Inspecteur
 Qualité

Informations à remplir :

Cases grises pâles

Inspection :

Matériel, outillage et équipement auxiliaire

Prépreg Carbone	16-0899	2017-02-24	FIB902	Carbon fiber prepreg 3K 2X2-FR250B-204/40-50"
mesh cuivre	3-27541-160115-1	N/A	COM397	3CU-125A
Voile verre	16-0902	2017-02-23	FIB250	Fiber glass Aldila #120 AR250
primer GN44098	2059441-04-01	2016-12-15	GEL855	primer aero
click bond	20124536-01-01A	N/A	EXP400	CB6014cr3-1P
colle click bond	111117	2017-04-17	EXP689	CB250-50 ACRYLIC

moule DAE009	Ruban Scellant	Sarrau Tyvek
Four	55NC (Agent démoulant)	Lunettes de sécurité
Système pour mise sous-vide (Four)	FMS sealer	Soulier de protection
Gabarit d'usinage	Big Blue Bag	
	Feutre Bleeder/Breather	
	Valve de drainage	

	MPS-300-93-31-013	Scellant FMS
	MPS-300-93-31-007	Agent démoulant 55NC
	MPS-300-93-31-020	Finition des rebords
	MPS-300-93-31-058	Inspection
	MPS-300-93-31-084	Protection/Entreposage

Suivi des révisions

PRÉPARATION

10	<u>effectuer le test de pelage sur le moule pour valider leur traitement</u> - Si le ruban colle bien, effectuer le traitement du moule selon MPS-300-93-31-007 (Agent démoulant 55NC) et si nécessaire MPS-300-93-31-013 (Scellant FMS) - Répéter les opérations jusqu'à l'obtention de résultats positif aux tests de pelage	MPS-300-93-31-007 et MPS-300-93-31-013	#20 11 NOV. 2016	E : R :												
20	<u>Découper les tissus suivant</u> - Utiliser les gabarits de découpe GAB EAPS-1-2-3 - Inscrire le numéro de lot des matériaux découpés sur la deuxième page <table><tr><td>1</td><td>Prepreg Verre</td><td>0°</td><td>1-2-3</td></tr><tr><td>1</td><td>mesh cuivre</td><td>N/A</td><td>N/A</td></tr><tr><td>6</td><td>Prepreg carbone</td><td>3x90° 3x0°</td><td>1-2-3</td></tr></table>	1	Prepreg Verre	0°	1-2-3	1	mesh cuivre	N/A	N/A	6	Prepreg carbone	3x90° 3x0°	1-2-3	GAB EAPS 1-2-3	#20 11 NOV. 2016	E : R :
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6	Prepreg carbone	3x90° 3x0°	1-2-3													
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1	Big Blue Bag															
1	film perforé															
1	Peel ply															
1	Bleeder (Airweave N10)															

Moulage

Faire le lay-up suivant selon l'annexe 2						
40	10	Veil	Full	N/A	#20 11 NOV. 2016 <i>AF</i>	E : R :
	20	Copper	Full	N/A		
	30	Carbone	Full	0°		
	40	Carbone	Full	90°		
	50	Carbone	Full	0°		
	60	Carbone	Full	90°		
	70	Carbone	Full	0°		
	80	Carbone	Full	90°		
50	Faire le montage sous vide				Initiale de l'opérateur	E : R :
	- Placer les périssables et la prise de vide - Vide minimal : 25inHg - Différentiel maximal accepté : 1inHg/5minutes - Faire vérifier le vide par un collègue				Initiale du vérificateur	
Vide réel : <u>25</u> in Hg Différentiel réel : <u>0</u> in Hg					<i>AF</i> 2016-11-11	
60	Faire inspecter le montage sous vide				<i>AF</i> 2016-11-11	E : R :
	- Le sac est étanche et à la bonne pression - La valve est dans un pli du sac et elle ne touche pas à la pièce - Il n'y a pas de bridge ou de tension dans le sac					

CUISSON

70	Démarrer le four #2 selon la procédure affiché sur celui-ci Courbe de cuisson EAPS *ATTENTION : IL EST PRÉFÉRABLE D'AVOIR PLUSIEURS PIÈCES À CETTE ÉTAPE AVANT DE PARTIR LA CUISSON POUR ÉCONOMISER L'ÉNERGIE	#20 11 NOV. 2016	E : R :
----	--	---------------------	----------------

80	<u>Démouler et identifier la pièce</u> - Identification : # de lot (date de début) – # de série ID - Ex : (AAAAMMJJ) – (VIA001-XXX) - Écrire l'identification sur un ruban à masquer et coller sur la pièce		#20 14 NOV. 2016	E : R :
90	<u>Point d'inspection (inspecteur qualité) :</u> - La pièce ne contient pas de bulles d'air majeur ☒ - Aucune délamination ☒		Inspecteur  Qualité	E : R :

USINAGE

100	<u>Découper puis percer la pièce:</u> Suivre la ligne de trime avec une lame au diamant.		OP 2016-11-14	E : R :
110	<u>Ébavurer les rebords des pièces</u> Utiliser un papier sablé # 180		OP 2016-11-14	E : R :
120	<u>Point d'inspection (inspecteur qualité) :</u> - Aucun défaut majeur ☒ - La pièce n'a pas de rebords coupants ☒		Inspecteur  Qualité	E : R :

PEINTURE

130	Apprêter la pièce avec le primer 44GN098		#3 16 NOV. 2016	E : R :
140			Inspecteur  Qualité	

ASSEMBLAGE

150	Préparer la surface de collage des 14 nut plate en sablant au papier #180.		AP 2016-11-18	E: R:
160	Nettoyer la surface à l'alcool		AP 2016-11-18	E: R
170	coller les 14 Click-bond avec la colle Acrylique		AP 2016-11-18	E: R
180	Valider l'assemblage avec les EJECTOR COVER		AP 2016-11-18	E: R

ENTREPOSAGE

190	Emballer et entreposer la pièce.			E: R:



# LOT	2016-11-19
# SÉRIE(ID)	DAE010-### DAE011-502

Nom de Gamme :	EJECTOR COVER
# de Gamme (et rev.) :	DAE010-DAE011 Rev.A
# dessin et nom pièce :	650.0411 RIGHT EJECTOR COVER ☐ 650.0412 LEFT EJECTOR COVER ☒

Fiche suiveuse

PLAGE	ÉTAPE	DESCRIPTION	DATE
[10-20]	PRÉPARATION	Découpe du prépreg et des périssables	#20 14 NOV. 2016
[30-60]	MOULAGE	Drapage du prépreg	#20 14 NOV. 2016
[70-80]	FOUR	Cuisson de la pièce	#20 15 NOV. 2016
[90-100]	USINAGE	Détourage et perçage	MF 2016-11-16
[110]	FINITION	primer et peinture	#3 16 NOV. 2016
[120]	EXPÉDITION	Emballage	#7 18 NOV. 2016

Gamme préparé par : _____ Arnaud Fournier
 Gamme révisée par : _____
 Gamme vérifiée par : _____
 Gamme approuvée par : _____
 Date d'émission : _____

Avant de produire le CofC,
 toutes les étapes et les
 informations requises des
 gammes subséquentes
 reliées à ce produit ont été
 complétées et remplies

Inspecteur

Qualité

Informations à remplir : Cases grises pâles

Inspection : _____

Matériel, outillage et équipement auxiliaire

Matériel	Quantité	Date	Part	Description
Prépreg Carbone	16-0899	2017-02-24	FIB902	Carbon fiber prepreg 3K 2X2-FR250B-204/40-50"
Copper mesh	3-27541-160115	N/A	COM397	3CU-125A
Voile verre	16-0902	2017-02-23	FIB250	Fiber glass Aldila #120 AR250
primer GN44098	111117	2017-04-17	GEL855	primer aero
Plastic Welder	N/A	N/A	EXP687	Plastic Welder

Matériel	Quantité	Description
moule DAE010		Ruban Scellant
Four		55NC (Agent démoulant)
Système pour mise sous-vide (Four)		FMS sealer
Gabarit d'usinage		Big Blue Bag
		Feutre Bleeder/Breather
		Valve de drainage

Matériel	Quantité	Description
		MPS-300-93-31-013
		MPS-300-93-31-007
		MPS-300-93-31-020
		MPS-300-93-31-058
		MPS-300-93-31-084
		Scellant FMS
		Agent démoulant 55NC
		Finition des rebords
		Inspection
		Protection/Entreposage

Suivi des révisions

Revision	Description	Date	Signature

PRÉPARATION

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20	<u>Découper les tissus suivant</u> - Utiliser les gabarits de découpe GAB-EAPS-4-5-6 - Inscrire le numéro de lot des matériaux découpés sur la deuxième page <table><tr><td>1</td><td>Prepreg verre</td><td>N/A</td><td>4-5-6</td></tr><tr><td>1</td><td>Mesh cuivre</td><td>N/A</td><td>N/A</td></tr><tr><td>6</td><td>Prepreg carbone</td><td>3x0°, 3x90°</td><td>4-5-6</td></tr></table>	1	Prepreg verre	N/A	4-5-6	1	Mesh cuivre	N/A	N/A	6	Prepreg carbone	3x0°, 3x90°	4-5-6	GAB-EAPS-4-5-6	#20 14 NOV. 2016	E : R :
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Moulage																																					
40	<u>Faire le lay-up suivant</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">10</td> <td style="width: 20%;">Voile gris</td> <td style="width: 10%;">NA</td> <td style="width: 10%; text-align: center;"><i>CB</i></td> <td rowspan="2" style="width: 10%; text-align: center; vertical-align: middle;"><i>AR</i></td> </tr> <tr> <td style="text-align: center;">20</td> <td>Mesh</td> <td>NA</td> <td style="text-align: center;"><i>CB</i></td> </tr> <tr> <td style="text-align: center;">30</td> <td>Carbone</td> <td>0°</td> <td style="text-align: center;"><i>CB</i></td> <td rowspan="6" style="text-align: center; vertical-align: middle;"><i>AR</i></td> </tr> <tr> <td style="text-align: center;">40</td> <td>Carbone</td> <td>90°</td> <td style="text-align: center;"><i>CB</i></td> </tr> <tr> <td style="text-align: center;">50</td> <td>Carbone</td> <td>0°</td> <td style="text-align: center;"><i>CB</i></td> </tr> <tr> <td style="text-align: center;">60</td> <td>Carbone</td> <td>90°</td> <td style="text-align: center;"><i>CB</i></td> </tr> <tr> <td style="text-align: center;">70</td> <td>Carbone</td> <td>0°</td> <td style="text-align: center;"><i>CB</i></td> </tr> <tr> <td style="text-align: center;">80</td> <td>Carbone</td> <td>90°</td> <td style="text-align: center;"><i>CB</i></td> </tr> </table>	10	Voile gris	NA	<i>CB</i>	<i>AR</i>	20	Mesh	NA	<i>CB</i>	30	Carbone	0°	<i>CB</i>	<i>AR</i>	40	Carbone	90°	<i>CB</i>	50	Carbone	0°	<i>CB</i>	60	Carbone	90°	<i>CB</i>	70	Carbone	0°	<i>CB</i>	80	Carbone	90°	<i>CB</i>		
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50	<u>Faire le montage sous vide</u> - Placer les périssables et la prise de vide - Vide minimal : 25inHg - Différentiel maximal accepté : 1inHg/5minutes - Faire vérifier le vide par un collègue Vide réel : <u>29</u> in Hg Différentiel réel : <u>1</u> in Hg		Initiale de l'opérateur #20 15 NOV 2016 Initiale du vérificateur <i>AR</i> 2016-11-15																																		
60	<u>Faire inspecter le montage sous vide</u> - Le sac est étanche et à la bonne pression ☒ - Le sac ou la pièce n'ont pas de bridge ☒ - La valve est dans une pli du sac ☒		<i>AR</i> 2016-11-15																																		

CUISSON				
70	<u>Démarrer le four selon la procédure affiché sur celui-ci</u> • Courbe de cuisson #7 (four Max)		#20 1 5 NOV. 2010	E : R :
80	<u>Démouler et identifier la pièce</u> • Identification : – # de lot (date de début) – # de série ID Ex : (AAAAMMJJ) – (VIA001-XXX) • Écrire l'identification sur un ruban à masquer et coller sur la pièce		#20 1 5 NOV. 2010	E : R :

90	<u>Point d'inspection (inspecteur qualité) :</u> - La pièce ne contient pas de bulles d'air majeur ☒ - Aucune délamination ☒ - Pas de zone riche en résine ☒		Inspecteur <i>AP</i> Qualité	
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USINAGE

100	<u>Découper puis percer la pièce</u> - Installer la pièce dans le gabarit d'usinage - Détourer la pièce à la toupie - Marquer les trous - Percer les trous		<i>AP</i> 2016-11-16	E : R :
110	<u>Coller le morceau de polycarbonate de forme oblong sur le devant de la pièce</u>	Plastic Welder	<i>AP</i> 2016-11-16	
120	<u>Ébavurer les rebords de la pièces</u> Utiliser un papier sablé # 180		<i>AP</i> 2016-11-16	
130	<u>Point d'inspection (inspecteur qualité) :</u> - Aucun défaut majeur ☒ - Contour conforme au gabarit de découpe ☒ - La pièce n'a pas de rebords coupants ☒ - Il ne semble pas y avoir de différences majeur sur l'épaisseur de la flange ☒		Inspecteur <i>1</i> Qualité	E : R :

PRIMER

140	Apprêter la pièce au primer GN44098		#3 16 NOV. 2016	E : R :
141			Inspecteur <i>4</i> Qualité	

ENTREPOSAGE

150	Emballer et entreposer la pièce.			E : R :



Gamme de fabrication

# LOT	2012-11-09
# SÉRIE(ID)	DAE010-002
	DAE011-###

Nom de Gamme :	EJECTOR COVER
# de Gamme (et rev.) :	DAE010-DAE011 Rev.A
# dessin et nom pièce :	650.0411 RIGHT EJECTOR COVER ☒
	650.0412 LEFT EJECTOR COVER ☐

Fiche suiveuse

PLAGE (ÉTAPES)	DÉPARTEMENTS	DESCRIPTION GÉNÉRALE	DATE SORTIE
[10-20]	PRÉPARATION	Découpe du prépreg et des périssables	#20 09 NOV 2016
[30-60]	MOULAGE	Drapage du prépreg	#20 09 NOV 2016
[70-80]	FOUR	Cuisson de la pièce	#20 09 NOV 2016
[90-100]	USINAGE	Détourage et perçage	#25 15 NOV. 2016
[110]	FINITION	primer et peinture	#3 16 NOV. 2016
[120]	EXPÉDITION	Emballage	#77 11 NOV 2016

Gamme préparé par : _____ Arnaud Fournier
 Gamme révisée par : _____
 Gamme vérifiée par : _____
 Gamme approuvée par : _____
 Date d'émission : _____

Approbation Qualité	
Avant de produire le CofC, toutes les étapes et les informations requises des gammes subséquentes reliées à ce produit ont été complétées et remplies	Inspecteur Qualité

Informations à remplir :

Cases grises pâles

Inspection :

Cases grises foncées

PRÉPARATION

10	<u>effectuer le test de pelage sur le moule pour valider leur traitement</u> - Si le ruban colle bien, effectuer le traitement du moule selon MPS-300-93-31-007 (Agent démoulant 55NC) et si nécessaire MPS-300-93-31-013 (Scellant FMS) - Répéter les opérations jusqu'à l'obtention de résultats positif aux tests de pelage	MPS-300-93-31-007 et MPS-300-93-31-013	#20 09 NOV. 2016	E: R:																
20	<u>Découper les tissus suivant</u> - Utiliser les gabarits de découpe GAB-EAPS-4-5-6 - Inscrire le numéro de lot des matériaux découpés sur la deuxième page <table><thead><tr><th>Qté</th><th>Tissu</th><th>Dimensions</th><th>Lot</th></tr></thead><tbody><tr><td>1</td><td>Prepreg verre</td><td>N/A</td><td>6-7-8</td></tr><tr><td>1</td><td>Mesh cuivre</td><td>N/A</td><td>N/A</td></tr><tr><td>6</td><td>Prepreg carbone</td><td>3x0°, 3x90°</td><td>6-7-8</td></tr></tbody></table>	Qté	Tissu	Dimensions	Lot	1	Prepreg verre	N/A	6-7-8	1	Mesh cuivre	N/A	N/A	6	Prepreg carbone	3x0°, 3x90°	6-7-8	GAB-EAPS-6-7-8	#20 08 NOV. 2016	E: R:
Qté	Tissu	Dimensions	Lot																	
1	Prepreg verre	N/A	6-7-8																	
1	Mesh cuivre	N/A	N/A																	
6	Prepreg carbone	3x0°, 3x90°	6-7-8																	
30	<u>Découper les périssables suivant</u> Inscrire le numéro de lot des matériaux découpés sur la deuxième page <table><thead><tr><th>Qté</th><th>Matériau</th><th>Dimensions</th></tr></thead><tbody><tr><td>1</td><td>Big Blue Bag</td><td>60 X 25</td></tr><tr><td></td><td>film perforé</td><td>36 X 20</td></tr><tr><td>1</td><td>Peel ply</td><td>36 X 20</td></tr><tr><td>1</td><td>Bleeder (Airweave N10)</td><td>36 X 20</td></tr></tbody></table>	Qté	Matériau	Dimensions	1	Big Blue Bag	60 X 25		film perforé	36 X 20	1	Peel ply	36 X 20	1	Bleeder (Airweave N10)	36 X 20		#20 08 NOV. 2016	E: R:	
Qté	Matériau	Dimensions																		
1	Big Blue Bag	60 X 25																		
	film perforé	36 X 20																		
1	Peel ply	36 X 20																		
1	Bleeder (Airweave N10)	36 X 20																		

90	Point d'inspection (inspecteur qualité) : - La pièce ne contient pas de bulles d'air majeur ☒ - Aucune délamination ☒ - Pas de zone riche en résine ☒		
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USINAGE

#	Description	Matériau	Date de réalisation	Temps estimé (Temps réel)
100	<u>Découper puis percer la pièce</u> Installer la pièce dans le gabarit d'usinage <i>N/A</i> - Détourer la pièce à la coupe - Marquer les trous <i>N/A</i> - Percer les trous <i>N/A</i> <i>Sablage de finition 16 Nov 2016</i>		#25 15 NOV. 2016	E: R:
110	<u>Coller le morceau de polycarbonate de forme oblong sur le devant de la pièce</u>	Plastic Welder	<i>MR</i> 2016-11-15	
120	Ébavurer les rebords de la pièce <i>N/A</i> Utiliser un papier verre # 180 <i>Perçoir les trous</i>		<i>MR</i> 2016-11-15	
130	Point d'inspection (inspecteur qualité) : - Aucun défaut majeur ☒ - Contour conforme au gabarit de découpe ☒ - La pièce n'a pas de rebords coupants ☒ - Il ne semble pas y avoir de différences majeure sur l'épaisseur de la flange ☒			E: R:

PRIMER

#	Description	Matériau	Date de réalisation	Temps estimé (Temps réel)
140	Apprêter la pièce au primer GN44098		#3 16 NOV. 2016	E: R:
140	Point d'inspection (inspecteur qualité) : - Aucun défaut majeur ☒ - Surface entièrement couverte ☒			E: R:

Moulage

#	Description	Matériau	Angle	Drainage	Signature	Temps estimé	Temps réel
Faire le lay-up suivant							
40	10	Voile gris	NA	CB	AFK 2016-11-09 2016-11-09	E :	R :
	20	Mesh	NA	CB			
	30	Carbone	0°	CB			
	40	Carbone	90°	CB			
	50	Carbone	0°	CB			
	60	Carbone	90°	CB			
	70	Carbone	0°	CB			
	80	Carbone	90°	CB			
50	Faire le montage sous vide				Initiale de l'opérateur #20	E :	
	- Placer les périssables et la prise de vide - Vide minimal : 25inHg - Différentiel maximal accepté : 1inHg/5minutes - Faire vérifier le vide par un collègue				09 NOV 2016	R :	
Vide réel : <u>30</u> in Hg Différentiel réel : <u>10</u> in Hg				AFK 2016-11-09			
60	Faire inspecter le montage sous-vide				AFK 2016-11-09	E :	
- Le sac est étanche et à la bonne pression ☒ - Le sac ou la pièce n'ont pas de bridge ☒ - La valve est dans une pli du sac ☒					R :		

CUISSON

#	Description	Références	Date et Initiales	Temps estimé	Temps réel
70	Démarrer le four selon la procédure affiché sur celui-ci		#20	E :	
	Courbe de cuisson #7 (four Max)		09 NOV 2016	R :	
80	Démouler et identifier la pièce		#20	E :	
	- Identification : # de lot (date de début) – # de série ID Ex : (AAAAMMJJ) – (VIA001-XXX) - Écrire l'identification sur un ruban à masquer et coller sur la pièce		10 NOV 2016	R :	

Matériel, outillage et équipement auxiliaire

Matériel Requis (Nom standard)	# de lot	Date d'expiration	Code part	Description
Prépreg Carbone	16-0899	2017-02-24	FIB902	Carbon fiber prepreg 3K 2X2-FR250B-204/40-50"
Copper mesh	3-27541-160115-1	N/A	COM397	3CU-125A
Voile verre	16-0902	2017-02-23	FIB250	Fiber glass Aldila #120 AR250
primer GN44098	111117	2017-04-17	GEL855	primer aero
Plastic Welder	N/A	N/A	EXP687	Plastic Welder

Équipement	Matériel auxiliaire	Matériel requis
moule DAE010	Ruban Scellant	Sarrau Tyvek
Four	55NC (Agent démoulant)	Lunettes de sécurité
Système pour mise sous-vide (Four)	FMS sealer	Soulier de protection
Gabarit d'usinage	Big Blue Bag	
	Feutre Bleeder/Breather	
	Valve de drainage	

Documents requis	Matériel requis	Description
	MPS-300-93-31-013	Scellant FMS
	MPS-300-93-31-007	Agent démoulant 55NC
	MPS-300-93-31-020	Finition des rebords
	MPS-300-93-31-058	Inspection
	MPS-300-93-31-084	Protection/Entreposage

Suivi des révisions

# de révision	Description (et Date) de la révision	Date de révision	Révisé par

ENTREPOSAGE

				Temps estimé (min)
150	Emballer et entreposer la pièce.		④	E: R: